

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

Page 46, line 6, replace “ THLAPYSDELRL” with --SEQ ID NO: 1--.

Page 46, line 8, replace “ NLEKETEGLR” with --SEQ ID NO: 2--.

Page 46, line 11, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Page 46, line 12 replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Page 46, line 14, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

**IN THE CLAIMS:**

Claim 1, line 5, replace “sequence ID THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 1, line 5, replace “NLEKETEGLR” with --SEQ ID NO: 2--.

Claim 1, line 6, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 1, line 6, replace “ ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 1, line 7, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

Claim 2, line 2, replace “Alzheimers disease” with --insulin resistance--.

Claim 18, line 5, replace “sequence ID THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 18, line 5, replace “NLEKETEGLR” with --SEQ ID NO: 2--.

Claim 18, line 6, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 18, line 6, replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 18, line 7, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

Claim 29, line 6, replace “sequence THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 29, line 6, replace “ NLEKETEGLR” with --SEQ ID NO: 2--.

Claim 29, line 6, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 29, line 7, replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 29, line 7, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

Claim 30, line 12, replace “sequence ID THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 30, line 12, replace “NLEKETEGRL” with --SEQ ID NO: 2--.

Claim 30, line 13, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 30, line 13, replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 30, line 14, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

Claim 33, line 3, replace “sequence ID THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 33, line 3, replace “NLEKETEGRL” with --SEQ ID NO: 2--.

Claim 33, line 4, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 33, line 4, replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 33, line 5, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

Claim 34, line 12, replace “sequence ID THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 34, line 12, replace “NLEKETEGRL” with --SEQ ID NO: 2--.

Claim 34, line 13, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 34, line 13, replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 34, line 14, replace “IHLISTQSAIPYALR” with --SEQ ID NO: 5--.

Claim 38, lines 5-6 , replace “sequence ID THLAPYSDELRL” with --SEQ ID NO: 1--.

Claim 38, line 6, replace “NLEKETEGRL” with --SEQ ID NO: 2--.

Claim 38, line 6, replace “(R)GSPAINVAVHVFR(K)” with --SEQ ID NO: 3--.

Claim 38, line 7, replace “ALGISPFHEHAEEVVFTANDSGPR” with --SEQ ID NO: 4--.

Claim 38, line 7, replace "IHLISTQSAIPYALR" with --SEQ ID NO: 5--.

Date: 4/19/2002

Respectfully submitted,

Ferris H. Lander

Ferris H. Lander

Registration No. 43,377

McHale & Slavin, P.A.

4440 PGA Boulevard, Suite 402

Palm Beach Gardens, FL 33410

Telephone: (561) 625-6575

E:\FILES\SHSYN X\SYN X pto-lrs 11-23\2132.106 pre amd.wpd